

Application No. 09/990,258

Page 3 of 12

IN THE CLAIMS

Please replace the claims in the present application with the following amended claim listing:

1-51. (canceled).

52. (currently amended) An apparatus that transmits content organized into channels, wherein a channel's content includes a plurality of URL data items and each URL data item is addressed by a URL, the apparatus comprising:

means for scheduling the assembling of a channel's content;

means for assembling the channel's content according to the schedule;

means for fragmenting the channel's content into packets;

means for multicasting the packets to a plurality of receivers, wherein each receiver stores the received channel's content in a receiver memory; and

means for receiving usage reports from each receiver, wherein each usage report identifies a subset of URL data items from the stored URL data items that was accessed from the receiver memory; and

wherein the usage reports comprise a set of files and wherein the URL data items accessed for each channel is referenced in one set of files; and

~~The apparatus of claim 50,~~ wherein usage reporting is performed on a subset of a channel's URL data items and the files contain a separate record for each time a usage reported URL data item was delivered to a web browser, wherein the record identifies the URL of the URL data item.

53. (original) The apparatus of claim 52, wherein the record identifies when the URL data item was delivered to the web browser.

54. (original) The apparatus of claim 52, wherein the record contains a field uniquely identifying the user that accessed the URL data item.

Application No. 09/990,258

Page 4 of 12

55. (original) The apparatus of claim 54, wherein the field uniquely identifying the user does not specify the identity of the user.

56. (original) The apparatus of claim 54, wherein the field uniquely identifying the user specifies the identity of the user.

57-101. (canceled).

102. (currently amended) A method for transmitting content organized into channels, wherein a channel's content includes a plurality of URL data items and each URL data item is addressed by a URL, the method comprising the steps of:

scheduling the assembling of a channel's content;

assembling the channel's content according to the schedule;

fragmenting the channel's content into packets;

multicasting the packets to a plurality of receivers, wherein each receiver stores the received channel's content in a receiver memory; and

receiving usage reports from each receiver, wherein each usage report identifies a subset of URL data items from the stored URL data items that was accessed from the receiver memory; and

wherein the usage reports comprise a set of files, and wherein the URL data item accessed for each channel is referenced in one set of files; and

~~The method of claim 100,~~ further comprising the step of performing usage reporting on a subset of a channel's URL data items and wherein the files contain a separate record for each time a usage reported URL data item was delivered to the web browser, and wherein the record identifies the URL of the URL data item.

103. (original) The method of claim 102, wherein the record identifies when the URL data item was delivered to the web browser.

Application No. 09/990,258

Page 5 of 12

104. (original) The method of claim 102, wherein the record contains a field uniquely identifying the user that accessed the URL data item.

105. (original) The method of claim 104, wherein the field uniquely identifying the user does not specify the identity of the user.

106. (original) The method of claim 104, wherein the field uniquely identifying the user specifies the identity of the user.

107-108. (canceled).

109. (currently amended) A method for transmitting content organized into channels, wherein a channel's content includes a plurality of URL data items and each URL data item is addressed by a URL, the method comprising the steps of:

scheduling the assembling of a channel's content;

assembling the channel's content according to the schedule;

fragmenting the channel's content into packets;

multicasting the packets to a plurality of receivers, wherein each receiver stores the received channel's content in a receiver memory; and

receiving usage reports from each receiver, wherein each usage report identifies a subset of URL data items from the stored URL data items that was accessed from the receiver memory; and

wherein a channel's content is assembled from a web server and further comprising the step of notifying the web server from which a URL data item was assembled that the URL data item was accessed by a user; and

The method of claim 107, wherein the web server is notified that the URL data item was accessed by initiating an HTTP GET operation for the URL data item.

Application No. 09/990,258

Page 6 of 12

110. (currently amended) A method for transmitting content organized into channels, wherein a channel's content includes a plurality of URL data items and each URL data item is addressed by a URL, the method comprising the steps of:

scheduling the assembling of a channel's content;

assembling the channel's content according to the schedule;

fragmenting the channel's content into packets;

multicasting the packets to a plurality of receivers, wherein each receiver stores the received channel's content in a receiver memory; and

receiving usage reports from each receiver, wherein each usage report identifies a subset of URL data items from the stored URL data items that was accessed from the receiver memory; and

wherein a channel's content is assembled from a web server and further comprising the step of notifying the web server from which a URL data item was assembled that the URL data item was accessed by a user; and

~~The method of claim 107,~~ wherein the web server is notified of multiple accesses of multiple URL data items by initiating an HTTP PUT operation.

111. (currently amended) A method for transmitting content organized into channels, wherein a channel's content includes a plurality of URL data items and each URL data item is addressed by a URL, the method comprising the steps of:

scheduling the assembling of a channel's content;

assembling the channel's content according to the schedule;

fragmenting the channel's content into packets;

multicasting the packets to a plurality of receivers, wherein each receiver stores the received channel's content in a receiver memory; and

receiving usage reports from each receiver, wherein each usage report identifies a subset of URL data items from the stored URL data items that was accessed from the receiver memory; and

Application No. 09/990,258

Page 7 of 12

wherein a channel's content is assembled from a web server and further comprising the step of notifying the web server from which a URL data item was assembled that the URL data item was accessed by a user; and

~~The method of claim 107~~, wherein the web server is notified of multiple accesses of multiple URL data items by initiating an HTTP POST operation.

112. (currently amended) A method for transmitting content organized into channels, wherein a channel's content includes a plurality of URL data items and each URL data item is addressed by a URL, the method comprising the steps of:

scheduling the assembling of a channel's content;

assembling the channel's content according to the schedule;

fragmenting the channel's content into packets;

multicasting the packets to a plurality of receivers, wherein each receiver stores the received channel's content in a receiver memory; and

receiving usage reports from each receiver, wherein each usage report identifies a subset of URL data items from the stored URL data items that was accessed from the receiver memory; and

wherein a channel's content is assembled from a web server and further comprising the step of notifying the web server from which a URL data item was assembled that the URL data item was accessed by a user; and

~~The method of claim 107~~, wherein the web server is notified that the URL data item was accessed by e-mail, and wherein multiple accesses of multiple URL data item is reported in one e-mail.

113. (currently amended) A method for transmitting content organized into channels, wherein a channel's content includes a plurality of URL data items and each URL data item is addressed by a URL, the method comprising the steps of:

scheduling the assembling of a channel's content;

assembling the channel's content according to the schedule;

fragmenting the channel's content into packets;

Application No. 09/990,258

Page 8 of 12

multicasting the packets to a plurality of receivers, wherein each receiver stores the received channel's content in a receiver memory;

receiving usage reports from each receiver, wherein each usage report identifies a subset of URL data items from the stored URL data items that was accessed from the receiver memory; and

~~The method of claim 97, further comprising the step of compressing a subset of the URL data items, wherein each URL data item is compressed individually independent of other URL data items such that each compressed URL data item can be decompressed without decompressing other URL data items.~~

114-146. (canceled).

147. (currently amended) A receiver in a multicast system, comprising:

means for receiving URL data items from a multicast network;

means for storing the received URL data items;

means for allowing a user to access the stored URL data items; and

means for tracking user access to the stored URL data items; and

~~The receiver of claim 145, wherein the tracking means includes means for counting a number of times the user accesses a subset of the stored URL data items.~~

148. (currently amended) A receiver in a multicast system, comprising:

means for receiving URL data items from a multicast network;

means for storing the received URL data items;

means for allowing a user to access the stored URL data items;

means for tracking user access to the stored URL data items;

~~The receiver of claim 145, further comprising:~~

~~means for determining when a URL data item requested to be accessed by the user is not present within the stored URL data items[.];~~

~~means for notifying the user that the requested URL data item is not present within the stored URL data items[.]; and~~

Application No. 09/990,258

Page 9 of 12

means for allowing the user to access the non-present URL data item via a connection to a TCP/IP network.

149. (original) The receiver of claim 148, further comprising means for soliciting the user whether to access the non-present URL data item via the connection to the TCP/IP network.

150. (original) The receiver of claim 148, wherein the multicast network is a geosynchronous satellite broadcast system and wherein the connection to the TCP/IP network is a dial-up modem.

151-159. (canceled).

160. (currently amended) A receiver in a multicast system, comprising:
means for monitoring receiver activity;
means for selectively receiving content from a multicast network, wherein the
content is selectively received based on the monitored receiver activity; and
means for soliciting a user to specify when content should be received, wherein
the receiving means receives content based on the user specifications; and

The receiver of claim 158, wherein the content comprises base packages and delta packages and the user specifications includes a first time period when base packages can be received and a second time period when delta packages can be received.

161. (currently amended) A receiver in a multicast system, comprising:
means for monitoring receiver activity;
means for selectively receiving content from a multicast network, wherein the
content is selectively received based on the monitored receiver activity; and

Application No. 09/990,258

Page 10 of 12

~~The receiver of claim 151, further comprising means for suspending reception of content when the monitoring means determines that reception will interfere with other receiver activity.~~

162. (original) The receiver of claim 161, further comprising means for automatically enabling reception of content after the monitoring means determines that reception will not interfere with other receiver activity.

163. (canceled).

164. (original) The receiver of claim 161, wherein the monitoring means determines that reception will not interfere with other activity by monitoring user activity on an input device of the receiver.

165. (original) The receiver of claim 164, wherein the receiver is a personal computer and the user activity comprises clicks on a mouse input device.

166-196. (canceled).